Nov. 14, 1950 F. J. BREMER 2,529,761

SKIRT FOR SAFES

Filed July 22, 1949

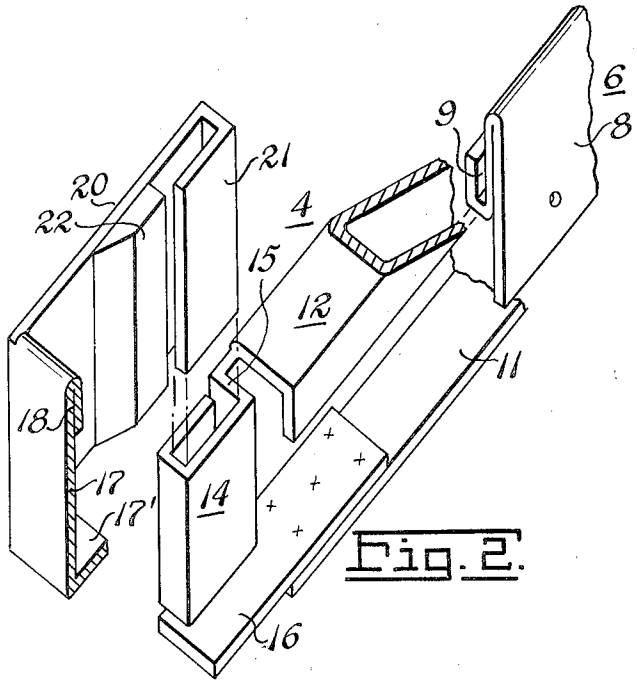


Fig. 2.

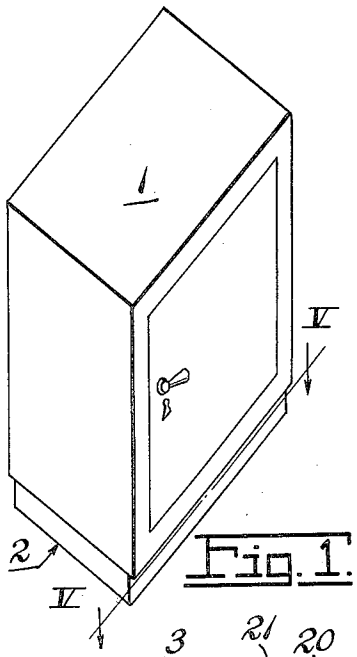


Fig. 1.

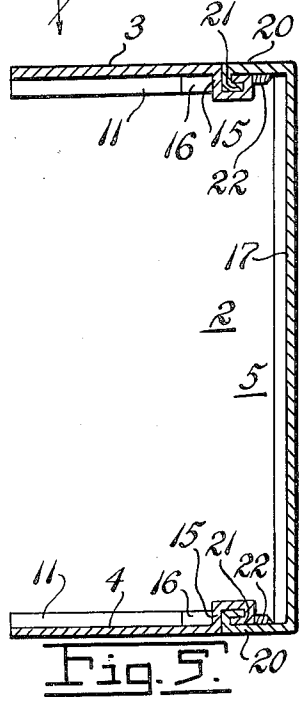


Fig. 5.

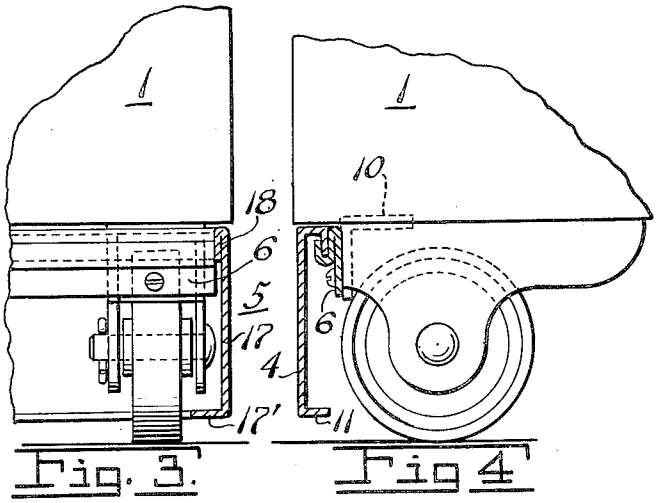


Fig. 3.

Fig 4

INVENTOR.
FREDERICK J. BREMER
BY Zugelter & Zugelter
Attys.

Patented Nov. 14, 1950 2,529,761

UNITED STATES PATENT OFFICE

2,529,761

SKIRT FOR SAFES

Frederick J. Bremer, Hamilton, Ohio, assignor to The Mosler Safe Company, Hamilton, Ohio, a corporation of New York

Application July 22, 1949, Serial No. 106,215

4 Claims. (Cl. 312—352)

1

This invention relates to safes of the type which are mounted on wheels or casters, and more particularly to skirts designed to be detachably secured to the under part of the safe to conceal the wheels from side and frontal view and thereby serve, among other purposes, to decorate and improve the appearance of the safe.

An object of this invention is to provide a skirt of the character set forth above which is so designed that the skirt can be slidably supported from the under side of the safe to give access to the front plate of the skirt when it needs to be removed in the event sweeping under the safe is necessary or for other purposes.

Another object of the invention is to provide a skirt so constructed that when in place the front and side panels are substantially flush with the respective front and side walls of the safe.

And a further object of the invention is to provide a skirt having a front plate or panel having flanges at the ends thereof adapted to be received in vertically disposed slots or channels at the front ends of the side panels or plates to facilitate attachment and removal of the front plate from the side plates or panels.

The foregoing and other objects of the invention will in part be apparent and will in part be obvious from the following description and drawings in which:

Figure 1 is a view in perspective of a safe having a skirt embodying a form of the invention, attached at the bottom thereof;

Fig. 2 is a fragmentary view in perspective, partly in section, showing the construction of one side panel and support rail or member and the interlocking construction of the ends of the front plate or panel and the forward end of the side panel or plate;

Fig. 3 is a view in transverse section of the front plate or panel, the panel being in place under the front bottom edge of the safe, the latter being only partially shown;

Fig. 4 is a view showing one of the side panels and support rail in transverse section, being shown in place at the under side of the safe, the latter being only partially shown; and

Fig. 5 is a view in section taken on line V—V of Fig. 1, showing the side panels and the interlocking construction of the ends of the front panel with the front ends of the side panels.

Throughout the drawings and the specification like reference characters indicate like parts.

2

In Fig. 1, a safe 1 is shown of the type usually provided with wheels or casters upon which the safe is supported. A skirt 2 embodying a form of the invention extends along the opposite sides and the front of the safe at the bottom thereof to conceal the wheels from side and frontal view.

Skirt 2 comprises side panels 3 and 4 and a front panel 5. The side panels are slidably supported by supports or tracks 6 secured to the under-side of the safe structure at the opposite sides thereof. The front panel is supported at its ends by the front ends of panels or plates 3 and 4.

As shown in Figs. 2 and 4, each track 6 comprises a sheet metal plate 8 having its upper edge bent or shaped to form a U-shaped channel 9 that opens upwardly. Plate 8 is secured by screws to an angle 10 secured to the under-side of the safe and extending between the wheels thereof. The side panels 3 and 4 are similar in construction, differing only in that one may be termed a "right" and the other a "left."

As shown in Fig. 2 the side plate 4 has an inwardly extending flange 11 at the bottom and an inwardly extending inverted U-shaped flange 12 at the top thereof. Flange 12 is received in the U-shaped channel 9 of the support or track and may be slid back and forth thereon. At the front end of the side panel is a vertically disposed U-shaped channel 14. This channel is offset inwardly of the body portion of the panel by a connecting web 15. The bottom of channel 14 is closed by a plate 16 secured to the bottom flange 11.

The front panel comprises a plate-like body portion 17 having an inwardly turned flange 17' at the bottom and a crimped edge 18 at the top thereof. At the opposite ends of the body portion is a rearwardly turned flange 20. At the inner end of flange 20 is a vertically disposed inwardly turned U-shaped channel the inner leg of 21 of which is disposed to be received in the hollow of the vertical channel 14 as shown in Fig. 5. In order that the opposite ends of the front plate or panel may fit snugly into the vertical channels at the front of the side panels, the front panel is provided at its ends with plates 22 that bear against the front ends of channels 14.

When the side tracks 6 have been secured to the angles on the under-side of the safe, the skirt may be assembled by placing the channels at the ends of the front plate into the channels at the

front end of the side plates, as shown in Fig. 5. The skirt may then be so positioned from the front of the safe that the side plates or panels are received in the tracks or supports 6. The skirt is then slid rearwardly until the skirt is in the intended position.

If it is necessary to "sweep out" under the safe, all that need be done is to pull the skirt forwardly and lift the front panel out of the front vertical channels of the side plates of the skirt. After sweeping, the front panel is replaced and the skirt pushed rearwardly on its tracks until it is in place.

Having thus described the invention what I claim as new and desire to secure by Letters Patent is:

1. A skirt adapted for attachment to the bottom of a movable safe to conceal the wheels thereof comprising support members adapted for attachment to the opposite sides of the safe at the bottom thereof, each of said support members having a trough-like flange at the upper edge thereof, a side skirt plate for each side of the safe, each side plate being provided with flanges disposed to be received in said trough-like flange, the front ends of said side plates being provided with vertically disposed U-shaped flanges, a support member at the bottom of said U-shaped flanges, a front skirt plate extending from one side skirt plate to the other and being provided at its ends with U-shaped flanges complementary to the U-shaped flanges on said side plate, said side plates being slidable forwardly to a position where said front plate can be raised to disengage the ends thereof from said side plates, and when said front plate is supported by said side plates and the side frame members are moved rearwardly the front plate is under and substantially flush with the front wall of said safe.

2. A skirt adapted for attachment to the bottom of a safe to conceal the wheels thereof from side and frontal view, comprising side plates and a front plate adapted when in place to be under the safe and substantially flush with the front

and side walls of the safe, the front ends of said side plates and the ends of said front plate being provided with means whereby the front plate may be detachably secured to the side plates, the side plates being provided with means whereby the same may be slidably attached to the under side of said safe to provide for moving the front plate to and from a position under the wall of the safe whereby the front plate may be removed from and replaced in the front ends of said side plates.

3. A skirt according to claim 2 characterized by the fact that the means whereby the side plates are slidably attached to the under side of said safe comprises downwardly extending flanges on the inner faces and along the top edges of said side plates and tracks carried by the under side of said safe for slidably receiving said flanges, whereby said skirt may be moved along said tracks to position said front plate under said safe or to a position forwardly thereof for removal of the front plate from said side plate.

4. A skirt according to claim 2 characterized by the fact that the means whereby the front plate may be detachably secured to the front ends of said side plates comprises a vertically disposed channel at the front end of each side plate, each of said channels being open at the top and closed at the bottom, and a vertically disposed channel at each end of the front plate, the vertically disposed channels of said front plate being adapted to slidably interlock with said end channels whereby the front plate may be removably attached to the ends of said side plates.

FREDERICK J. BREMER.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,177,513	Gustafson	Mar. 28, 1916
2,270,710	Ring	Jan. 20, 1942